

SEQUENCE LISTING

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Robb, Sofia

<120> MANAGING BIOLOGICAL DATABASES

<130> 21101.0049U2

<140> 10/532,198

<141> - -

<150> PCT/US2003/033590

<151> 2003-10-22

<150> 60/420,216

<151> 2002-10-22

<160> 9

<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:/ note =
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<221> misc_feature

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<223> n=a, t, c, or g

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<223> n=a, t, c, or g

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cttctgcaag gtccacagtt accattaaca aatcgagtc tgcagtaaag gaatatgaaa	60
tgagacaatc ctacaatttt tctggagcac ctatgggggg atcagttcaa attcatagca	120
atgtgtcttc tgctgtagag ggccgagaaa gagaaaagag agaaatgcna gatcttaatg	180
aaaggctagc taatttatatt gaaaaggtaa gatttctaga agctcnaaac aaaagattaa	240
caaatgaatt gaatacgtta cgtgaaagat ggggtnaaga agctgaaagg atacgagctt	300
tatatgagat tgaaatggat caattgaaaa agttattaga cgaagctgaa gctgctagat	360

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<211> 60

<212> PRT

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synthetic construct

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<221> VARIANT

<222> 2, 48

<223> Xaa = any amino acid

<400> 2

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Asn Xaa Ser Ser Pro Ala Val Lys Glu Tyr Glu Met Arg Gln Ser Tyr
 1          5          10          15
Asn Phe Ser Gly Ala Pro Met Gly Gly Ser Val Gln Ile His Ser Asn
          20          25          30
Val Ser Ser Ala Val Glu Gly Arg Glu Arg Glu Lys Arg Glu Met Xaa
          35          40          45
Asp Leu Asn Glu Arg Leu Ala Asn Tyr Ile Glu Lys
 50          55          60

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<210> 3

<211> 60

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/ note =
synthetic construct

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<222> 1-10, 13, 14, 17, 18, 20, 21, 42, 45, 47-49, 52, 54, 59

<223> Xaa = any amino acid

<400> 3

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Asn Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Glu Met Xaa Xaa Ser Tyr
 1          5          10          15
Xaa Xaa Ser Xaa Xaa Pro Xaa Xaa Xaa Ser Xaa Xaa Xaa His Ser Xaa
          20          25          30
Val Xaa Xaa Xaa Xaa Xaa Gly Arg Glu Xaa Glu Lys Xaa Glu Xaa Xaa
          35          40          45
Xaa Leu Asn Xaa Arg Xaa Ala Asn Tyr Ile Xaa Lys
 50          55          60

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<210> 4

<211> 60

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/ note =
synthetic construct

<400> 4

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Asn Gln Asn Ala Ser Ser Ile Arg Thr Ile Glu Met Lys Lys Ser Tyr
 1          5          10          15
Gly Val Ser Ala Thr Pro Gly Ala Thr Ser Asn Ile Val His Ser Gly
          20          25          30
Val Asn Asn Leu Met Asn Gly Arg Glu Lys Glu Lys Asn Glu Leu Gln
          35          40          45
Glu Leu Asn Asp Arg Phe Ala Asn Tyr Ile Asp Lys
 50          55          60

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<210> 5

<211> 60

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/ note =
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<220>

<221> VARIANT

<222> 7

<223> Xaa = any amino acid

<400> 5

Val	Arg	Phe	Leu	Glu	Ala	Xaa	Asn	Lys	Arg	Leu	Thr	Asn	Glu	Leu	Asn
1				5					10					15	
Thr	Leu	Arg	Glu	Arg	Trp	Gly	Xaa	Glu	Ala	Glu	Arg	Ile	Arg	Ala	Leu
			20					25					30		
Tyr	Glu	Ile	Glu	Met	Asp	Gln	Leu	Lys	Lys	Leu	Leu	Asp	Glu	Ala	Phe
		35					40					45			
Ala	Ala	Arg	Ser	Glu	Leu	Leu	Pro	Lys	Ile	Asn	Lys				
	50					55					60				

<210> 6

<211> 60

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:/ note =
synthetic construct

<220>

<221> VARIANT

<222> 3, 6-7, 13, 17, 19, 20-21, 24, 26-27, 30, 34-36, 38, 41-43,
46, 50-53, 55-56, 60

<223> Xaa = any amino acid

<400> 6

Val	Arg	Xaa	Leu	Glu	Xaa	Xaa	Asn	Lys	Arg	Leu	Thr	Xaa	Glu	Leu	Asn
1				5					10					15	
Xaa	Leu	Xaa	Xaa	Xaa	Trp	Gly	Xaa	Glu	Xaa	Xaa	Arg	Ile	Xaa	Ala	Leu
			20					25					30		
Tyr	Xaa	Xaa	Xaa	Met	Xaa	Gln	Leu	Xaa	Xaa	Xaa	Leu	Asp	Xaa	Ala	Glu
		35					40					45			
Ala	Xaa	Xaa	Xaa	Xaa	Leu	Xaa	Xaa	Lys	Ile	Asn	Xaa				
	50					55					60				

<210> 7

<211> 60

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/ note =
synthetic construct

<400> 7

Val	Arg	Ser	Leu	Glu	Asp	Glu	Asn	Lys	Arg	Leu	Thr	Asp	Glu	Leu	Asn
1				5					10					15	
Asp	Leu	Lys	Asp	Gln	Trp	Gly	Asn	Glu	Thr	Ala	Arg	Ile	Lys	Ala	Leu
			20					25					30		
Tyr	Asp	Ser	Asp	Met	Ser	Gln	Leu	Arg	Arg	Ser	Leu	Asp	Gln	Ala	Glu
		35					40					45			

Ala Ser Lys Ala Gln Leu Glu Met Lys Ile Asn Thr
50 55 60

<210> 8

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/ note =
synthetic construct

<400> 8

cttctgcaag gtccacagtt accattaaca aatcgagtcc tgcagtaaag gaatatgaaa 60

<210> 9

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/ note =
synthetic construct

<400> 9

tgagacaatc ctacaatttt tctggagcac ctatgggggg atcagttcaa attcatagca 60